ORGANIC ELECTROLUMINESCENT ELEMENT

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An organic electroluminescent element comprising a dimeric stryryl compound represented by general formula (I) as the luminescent material, wherein D, D', E, E', F, F', G, G' and Q are each as defined in the specification. The dimeri styryl compound used is one prepared by bonding two molecules of a compound having a good luminescence efficiency and a desirable luminescence wavelength to each other via a divalent group which breaks a conjugated system without impairing the abilities of the compound to thereby increase the molecular weight (to dimerize) and improve the properties as thin film. Therefore this element is widely applicable as various display materials. <CHEM>

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(71) 出版人 (米路を除くすべての指定間について) 出光頻度株式会社(IDBMITSU KOSAN 90., LTD.) / 〒100 東京都市代田区久の内三丁目1番 号 Tokyo, (3 (72) 発明者: および (75) 発明者: 大は 近く 大線についてのみ) 東 久林(HIGASHI, Hisakira) (3F/JF) 郷川集都(HOSOKAWA, Ohishio) (3F/JF) 東海林区 (TOKAILDIN, Hiroshi) (3F/JF) 〒209-02 千須東特を南正氏128 0番地 出光頻度株式会社方 Ohiba, (3F) (74) 代理人		ני	添付公開書類			国際調查報告責
7971とは、 予選士 大谷 僕(OHTANI, Tamotsu) 〒105 東京部版区売 門87日10番13号 マガタニビル4 Tokyo, (JP)	6 階				7	

(54) Title: ORGANIC ELECTROLUMINESCENT ELEMENT

(54) 発明の名称 有機エレクトロルミネッセンス素子

$$G - C = C - D - G - D_1 - C = C - G_1$$
 $G - C = C - D - G - D_2 - C = C - G_3$
 $G - C = C - G_3$
 $G - C = C - D - G - G_3$
 $G - C = C - G_3$
 $G - C = C - D - G - G_3$
 $G - C = C - G_3$
 $G - C = C - D - G - G_3$
 $G - C = C - G_$

(57) Abstract

An organic electroluminescent element comprising a dimeric stryryl compound represented by general formiula (I) as the luminescent material, wherein D, D', E, E', F, F', G, G' and Q are each as defined in the specification. The dimeric stryr compound used is one prepared by bonding two molecules of a compound having a good luminescence efficiency and a desirable luminescence wedlength to each other via a divalent group which breaks a conjugated system without impairing the abilities of the compound to thereby increase the molecular weight (to dimerize) and improve the properties as thin film. Therefore this element is wided applicable as various display materials.